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JPRS 13995

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CR-121/63

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UKRAINIAN, PER, UKRAYINA, NO 4, 1963, PP 20, 21

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JPRS 19162

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G. L. DUDOV.~~
1978, pp 1-16, 17, 21-106, 108-132, 133-134,
135-137, 141, 142, 148-177, 179-187,
189-190, 192, 193-207, 210-212, 214,
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JPM 12475

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2. Vitamins--Sources
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- II. Lazebnaya, A. M.
- III. RTS-1695
- IV. Department of Scientific and
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(Gr. Brit.)

Office of Technical Services

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J. AG. - *G. Spiroides* Kondrat. sp. nova, by
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DSIR LLU RTS 1567

Sci - Biol

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UKRAINIAN, per, *Ukrains'kii Botanichnyi Zhurnal*,
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Sci. - Biol

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DSIR LLJ RTS 1569

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Sci - Biol

Oct 60

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The Diatom Flora of the Lakes in the Volin'skii
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DSIR LIU RTS 1572

Sci - Biol

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DSIR LLU RTS 1573

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(NY 2816).

Development of Mycology and Phytopathology in
the Ukraine During 40 Years of Soviet Government,
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Vol XIV, 1957, No 3, Kiev, pp 20-26.

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Sci - Biol - Phytology

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(NY-2816).

Development of the Physiology and Biochemistry of
Plants in the Ukraine During 40 Years (1917-1957),
by M. A. Myubyns'kyi, A. S. Olshenko, 41 pp.

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JPRS-L-1044-B

Sci - Biol - Phytology
Nov 59

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S-5319

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Embryology and Cytology of Plants in the
Ukraine During 40 Years (1917-1957), by
Ya. S. Modilevs'kiy,

UKRAINIAN, per, Ukrayn'skiy Botanicheskii Zhur,
Vol XIV, 1957, No 3, Kiev, pp 53-58.

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Sci - Biol - Phytology

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JPRS-L-1108-N

Sci - Misc
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SOILS NEAR KIEV (Sin'ozeleni Vodorostl Keyakikh
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Order from OTS of SLA \$2.60

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Trans. of Ukrayins'kyi Botanichnyi Zhurnal (USSR)
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DESCRIPTORS: *Algae, *Soils, *Nitrogen compounds,
Biosynthesis, Classification, Identification.

Cyanophyta occupy an important place among the soil
algae because of their ability of fixing the free atmos-
pheric nitrogen. Cyanophyta are described which were
found in 1953 to 1955, mainly by the method of soil-
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meadow sand-loam cultivated soils near Kiev. The
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- III. Department of Scientific
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Masyuk, N. P.
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Dec 61 [2] p. 12 refs. RTS 1953.
Order from OTS or SLA \$2.60 62-13738

Trans. of Ukrayna'nyi Botanichnyi Zhurnal (USSR)
1959, v. 16, no. 1, p. 87-98.

DESCRIPTORS: *Algae, *Lakes, Ecology, Growth,
Identification, Marine biology, Classification.

(Biological Sciences--Botany, TT, v. 7, no. 6)

62-13738

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(NY-3442).

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No 4, 1959, pp 102-105.

JPRS 2466

Sol - Misc
Apr 60

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CEA-tr-R-1678 Uncl.

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CRUCIFERES ET DES OMBELLIFERES DANS DES SOLS DE
TOURBIERE ET MINERAUX, PAR LES RAYONNEMENT γ
DU RADIUM, DU COBALT ET PAR LES RAYONS X.

(Stimulation of the Growth of the Roots of Plants
of the Chenopodiaceae, Cruciferae, and
Umbelliferae in Soils of Peat and Minerals by
Radium and by X Rays). A. S. (C.) Palamarchuk.
Translated into French from Ukr. Botan. Zh.,
17: (1960). 27p.

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C-48 NP NSA \$2.60(fs), \$1.01(mf) JCL
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Litvinenko, L. G.
THE EFFECT OF ORGANIC SUBSTANCES ON PHO-
TOSYNTHESIS AND RESPIRATION IN SOME BLACK
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Fotosyntezy i Dykhannya Deyakyyh Chernomors'kykh
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Order from OTS or SLA \$1.60 61-28673

Trans. of Ukrayins'kyi Botanichnyi Zhurnal (USSR)
1960, v. 17, no. 1, p. 12-18.

DESCRIPTORS: *Photosynthesis, *Respiration, *Algae,
Black Sea, Organic compounds.

Algal respiration increased in solutions with small
concs. of organic substances (0.2% glucose; 0.5, 0.2,
0.1% saccharose; 0.5% sodium acetate; 0.02% glycocoll)
and was depressed in the presence of relatively high
concs. of organic compounds (3, 0.5% glucose; 1% so-
(Biological Sciences--Botany, IT, v. 7, no. 4) (over)

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Diction Analysis of Brown Coal from the Vinogradov
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Orshyuk.

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Sci - JEN/MAG

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The Scientific Activity of the Institute of Botany
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JPRS 5135

Sci - Biology

Aug 50

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(DC-6040)

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Vol. XVII, No 3, 1960, pp 85, 86.

JPRS 89511

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Investigations of the Genus *Botrydium* Wallr.
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Sci - Biol

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Apr 62

The Dynamics of Auxins in Germinating Tomato
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NIL RTH 2182
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Sci -
Jul 63

(PC-6040)

Yelizaveta Modestiyana Bradis (60th Birthday
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JPRS 8951

USSR

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A NEW SPECIES OF BLUE-GREEN ALGAE (Pro
Novii Vid Sin'o-Zelenikh Vodorostei). Dec 61
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DESCRIPTORS: *Algae, Identification, *Lakes.

(Biological Sciences--Botany, TT, v. 7, no. 6)

62-13925

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- II. RTS-2005
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(NY-6503).

Concerning Soviet Botany and Mycology,
by G. I. Bilyk, M. Ya. Zarova, 16 pp.

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JPRS 10172

Sci - Biology

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Vol XVIII, No 3, 1961, pp 111-113.

JPRS 10478

Sci - Biology

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Nov 61

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Sci -
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THE CRIMEA, BY N. P. MASYUK, 16 PP.

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JPRS 17881

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PARTICIPATION OF PHOSPHOPYRIDINE NUCLEOTIDES IN THE
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P. A. KOLESNIKOV, 10 PP.

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JPRS 19548

SCI - BIOL/MED SCI

JUN 63

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Vol 19, No 2, 1962, pp 3-12.
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Sci/Agri
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Scientific Activity of the Institute of Botany,
Academy of Sciences Ukrainian SSR in 1961, by
Ye. G. Myachys'ka, 25 pp.

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JPRS 145431

Sci - Biol
Oct 62

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Effect of Lighting Conditions on the Conversion
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15 pp.

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Vol IX, No 3, 1962, pp 10-19. 9572788

FTD-TT-62-1203

Sci-Biol
Dec 62

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The Dynamics of Auxins in Germinating Tomato
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RUSSIAN, per, Ukrain & Botan Zhur, Vol XXVII,
No 5, 1960, pp 23-31.

MLL RTS 2182
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Sci -
Jul 63

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Effect of Certain Forms of Nitrogen on the
Productivity of *Sceadasmus Quadricauda* (Turp),
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RUSSIAN, per, Ukrains Botan Zhur, Vol XIX, No 3,
1962, pp 28-33.
NIL RTS-2256

Sci - Biol
Jul 66

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Growth, by V. P. Vendt, I. G. Drovkova, 6 pp.

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PTD-TT-63-291

Sci-Biol
May 63

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THE PERFORMANCE OF THE INSTITUTE OF BOTANY OF THE
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PARSHIKOV, 12 PP

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JPRS 21058

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SEP 63

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THODI. Algae Under Conditions of
Laboratory Cultivations, by I. G. Brokova,
et al.
RUSSIAN, Tr. Ukr Bot Zh., Vol XXI, No 5,
1964, pp 44-49.
NASA TT F-10,433

Sci-1034
Jan 67

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DC-2273

Against Bourgeois-Nationalistic Palsification of
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10 pp.

UKRAINIAN, Jour, Ukrainiyy Istorichnyi Zhur, No 3
Kiev, 1958, pp 158-162.

UB JWS/DC-L-1193

USSR - Ukraine SSR
Pol - Ukrainian history

Nov 58

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Rosenfeld, L. E. and Lands, L. J.
VARIATIONS WITH AGE OF THE CHOLESTERINE,
SATURATED AND UNSATURATED PHOSPHATIDES
IN THE CENTRAL NERVOUS SYSTEM OF RABBITS.
[1962] [9] p. 15 refs.

Order from OTS or SLA \$1.10

62-14793

Trans. from [Ukrayins'kyl Biokhimichnyi Zhurnal]
(USSR) 1940, v. 11, no. 2.

DESCRIPTORS: Age factors, *Nervous system,
Brain, *Cholesterol, *Phospholipids, Lipids, Rabbits.

Cholesterol content in the different parts of rabbit
brain increases with age, and more rapidly in the
white substance than in the gray. The content of
saturated and unsaturated phosphatides have the ten-
dency to increase with age, however not evenly in
the different age groups and rather less intensively
than was observed in the case of cholesterol. In
adult animals the amount of saturated and unsaturated
phosphatides diminishes. (Author)

62-14793

I. Rosenfeld, L. E.
II. Lands, L. J.

Biological Sciences--Physiology,
TT, v. 8, no. 4)
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Splitting of Diketogulonic Acid in the Tissues of
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S. I. Vinokurov, L. N. Kuznetsova,
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NIE 3-6

Sci - Med

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Non-Data on Connective-Tissue Protein, by V. H.
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Nov 56 CES

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Full translation.

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NIH Tr 7a

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A Method of Purifying Diphtheria Toxin and Anti-
toxin, by A. H. Sabaldyr, M. F. Hulyy, S. M.
Tarakhov, P. S. Astakhova, V. I. Kyentsova, 12 pp.

UKRAINE, no ser, Ukrainetskiy Biokhimicheskii Zhur.
Vol. XXIV, No 2, Kiev, Feb 1952, pp 137-147.

CIA/FDD/U-6387

USER - Ukrain.

Sci - Medicine, laboratory
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(FDD 21014)

A Study of Preparation of Diphtheria Toxin
and Antitoxin Purified and Concentrated by
Precipitation at the Isoelectric Point, by
S. M. Terekhov, P. S. Astakhova, V. I.
Pyentsova, M. F. Hulyy, A. K. Sabaldyr,
13 pp.

UKRAINIAN, no per, Ukrains'kiy Biokhimichniy
Zhur., Vol XIV, No 2, Kiev, Feb 1952, pp 149-
157.

CIA/FDD/U-6388

USSE - Ukrain.

Sci - Medicine, laboratory
procedures

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Phosphorylase and Glycogen in the Liver
of Rabbits During Ontogeny, by S. V.
Rozhnova, K. G. Gonskova. 8 pp.

RUSSIAN, for, Uchenye Zapiski
Vol. XXXI, No 5, 1952, 22 pp.

SLA 60-10522

Sci
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May 62

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(FDD 20161)

The Study of Substance Exchange in Slices of Cerebral Cortex Level of ATP and Its Changes Caused by Glutamic Acid, b/ G. Ach, R. Balash, P. B. Shtraub, 17 pp.

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CIA/FDD/U-5777

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Sci - Med

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(FDD 20162)

Effect of Pervitine on Nuclein Acid Metabolism in
the Brain, Liver and Blood, by I. E. Skvyrs'ka,
T. P. Silich, 11 pp

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No 1, Kiev, 1953, pp 3-9

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Apr 54 CTS

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(FDD 21391)

Effect of Stimulation of the Central Nervous System
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CIA/FDD/U-6136

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Sci - Med

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Physical Strain in Connection with the Condition
of the Central Nervous System, by M. M.
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CIA/PDD/U-5803

NIH 7h 3-39a

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Sci - Med

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(FID 25606)

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Concentration of Ascorbic Acid and Protein, by
Yu. O. Petrovich, 12 pp

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CIA/FID/U-8038

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Sci - Medicine, biochemistry

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(FDD 25846)

The Crystalline Protein Fraction 0.50 From the Muscles
of Animals (Myogen A) by P. D. Dvornikova, M. F.
Gully, O. Ya. Popadyuk, 11 pp.

UKRAINIAN, qu per, Ukrainskiy Biokhim Zhur, Vol XXVI,
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CIA/FDD/U-7839

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Sci - Biology, biochemistry

Feb 1956 CTS

V
(FDD 25895)

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